

Claims

1. Container made of plastic,

the container (10) consisting of two container parts (12, 14) which are connected to one another in the opening region,

characterized

in that each container part (12, 14) has a single connection frame (26, 28) including the connection opening,

in that the container parts (12, 14) can be connected to one another along the facing connection frames (26, 28),

and in that at least one connection frame (26, 28) includes a support device (30, 34; 54) which extends in the connection frame (26, 28) in the vertical direction.

2. Container according to claim 1, characterized in that the connection frame (26, 28) has a circular shape, the outer diameter of which approximately corresponds to the height of the container (10).
3. Container according to claim 1 or 2, characterized in that the two container parts (12, 14) have a substantially identical structure except for the filling neck (18).
4. Container according to one of the preceding claims, characterized in that the support device (54) includes vertically extending stiffening ribs (56, 58).

5. Container according to claim 4, characterized in that the stiffening ribs (56, 58) protrude from the plane of the connection frame (26, 28).
6. Container according to claim 4 or 5, characterized in that the stiffening ribs (56, 58) have centering faces (66) on their respective lower and upper ends, said centering faces cooperating with opposite abutting surfaces (68).
7. Container according to one of the claims 4 to 6, characterized in that facing stiffening ribs (56, 58) of the two container parts (12, 14) are connected to one another in the middle area.
8. Container according to one of the preceding claims 1 to 3, characterized in that the support device (54) includes a wall (30, 44).
9. Container according to claim 4, characterized in that the wall (30, 44) comprises vertically extending ribs (36).
10. Container according to claim 4, characterized in that the wall (30, 44) has a cylindrical edge, which is inserted into the connection frame (26, 28), and in that the connection frames (26, 28) of the two container parts (12, 14) are welded together, the welding seam (48) also welding the edge of the wall (30, 44) to the connection frames (26, 28).
11. Container according to one of the preceding claims, characterized in that the width of each container part (12, 14) is smaller than the double diameter of the respective connection frame (26, 28).
12. Container according to one of the preceding claims, characterized in that it consists of high-molecular high-density polyethylene.

13. Container according to one of the preceding claims, characterized in that for manufacturing the container parts the same blowing mold is used, into which, if necessary, a mold insert for creating a change in shape is inserted.
 14. Container according to one of the preceding claims, characterized in that it has a capacity of 4000 to 6000 liters.
 15. Container according to one of the preceding claims, characterized in that it approximately has a square base area.
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